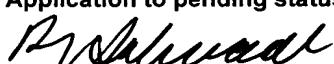
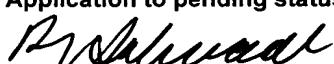
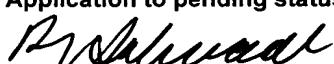


<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>016906-0409</b> <small>U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)</small> <small>Unassigned</small> <b>10/543105</b>
INTERNATIONAL APPLICATION NO. PCT/EP2003/012496	INTERNATIONAL FILING DATE 11/10/2003	PRIORITY DATE CLAIMED 1/24/2003
<b>TITLE OF INVENTION</b> HEAT EXCHANGER, PARTICULARLY EXHAUST GAS COOLER FOR MOTOR VEHICLES		
<b>APPLICANT(S) FOR DO/EO/US</b> Jens RICHTER		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))  <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).  <input checked="" type="checkbox"/> has been communicated by the International Bureau.  <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  <input checked="" type="checkbox"/> is attached hereto.  <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).  <input type="checkbox"/> have been communicated by the International Bureau.  <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) and submitted under Rule 4.17.</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>Items 11 to 20 below concern other document(s) or information included:</b>		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Copy of PCT/RO/101.</p>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.62) Unassigned <b>10/543105</b>		INTERNATIONAL APPLICATION NO. PCT/EP2003/012496	ATTORNEY'S DOCKET NUMBER 016906-0409																																																																																																																																															
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100 \$200</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>All other situations</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 400.00</td> <td></td> </tr> <tr> <td colspan="3"><b>TOTAL OF ABOVE 21, 22 and 23 =</b></td> <td>\$ 900.00</td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td>Total Sheets</td> <td>Extra sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> <td></td> </tr> <tr> <td>15 - 100 = 0</td> <td>/50 = 0</td> <td></td> <td>x \$250.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="5">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td>\$</td> </tr> <tr> <td>Total Claims</td> <td>10 - 20 = 0</td> <td></td> <td>x \$ 50.00</td> <td>\$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>1 - 3 = 0</td> <td></td> <td>x \$ 200.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$ 360.00</td> <td>\$</td> </tr> <tr> <td colspan="5"><b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 900.00</td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.         </td> <td>+</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="5"><b>SUBTOTAL =</b> \$ 900.00</td> </tr> <tr> <td colspan="5">Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="5"><b>TOTAL NATIONAL FEE =</b> \$ 900.00</td> </tr> <tr> <td colspan="5">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property</td> </tr> <tr> <td colspan="5"><b>TOTAL FEES ENCLOSED =</b> \$ 900.00</td> </tr> <tr> <td colspan="5"> <table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table> </td> </tr> <tr> <td colspan="5"> <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 900.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> </td> </tr> <tr> <td colspan="5"> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> </td> </tr> <tr> <td colspan="5"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Foley &amp; Lardner LLP Customer Number: 22428</p> </td> </tr> <tr> <td colspan="5"> <p> SIGNATURE Richard L. Schwaab</p> </td> </tr> <tr> <td colspan="5"> <p>NAME 25,479</p> </td> </tr> <tr> <td colspan="5"> <p>REGISTRATION NUMBER</p> </td> </tr> </table>					21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00		22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100 \$200	\$ 200.00		All other situations				23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100			International Search Report prepared and provided to the Office	\$400			All other situations	\$500	\$ 400.00		<b>TOTAL OF ABOVE 21, 22 and 23 =</b>			\$ 900.00	<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.					Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		15 - 100 = 0	/50 = 0		x \$250.00	\$ 0.00	Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total Claims	10 - 20 = 0		x \$ 50.00	\$ 0.00	Independent Claims	1 - 3 = 0		x \$ 200.00	\$ 0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$	<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 900.00					<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			+	\$ 0.00	<b>SUBTOTAL =</b> \$ 900.00					Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					<b>TOTAL NATIONAL FEE =</b> \$ 900.00					Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property					<b>TOTAL FEES ENCLOSED =</b> \$ 900.00					<table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table>					Amount to be refunded:		charged:		<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 900.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>					<p>SEND ALL CORRESPONDENCE TO:</p> <p>Foley &amp; Lardner LLP Customer Number: 22428</p>					<p> SIGNATURE Richard L. Schwaab</p>					<p>NAME 25,479</p>					<p>REGISTRATION NUMBER</p>				
21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00																																																																																																																																																
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100 \$200	\$ 200.00																																																																																																																																																
All other situations																																																																																																																																																		
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100																																																																																																																																																	
International Search Report prepared and provided to the Office	\$400																																																																																																																																																	
All other situations	\$500	\$ 400.00																																																																																																																																																
<b>TOTAL OF ABOVE 21, 22 and 23 =</b>			\$ 900.00																																																																																																																																															
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.																																																																																																																																																		
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																																															
15 - 100 = 0	/50 = 0		x \$250.00	\$ 0.00																																																																																																																																														
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))																																																																																																																																																		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																																																																																																																																														
Total Claims	10 - 20 = 0		x \$ 50.00	\$ 0.00																																																																																																																																														
Independent Claims	1 - 3 = 0		x \$ 200.00	\$ 0.00																																																																																																																																														
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$																																																																																																																																														
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 900.00																																																																																																																																																		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			+	\$ 0.00																																																																																																																																														
<b>SUBTOTAL =</b> \$ 900.00																																																																																																																																																		
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																																																																																																		
<b>TOTAL NATIONAL FEE =</b> \$ 900.00																																																																																																																																																		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property																																																																																																																																																		
<b>TOTAL FEES ENCLOSED =</b> \$ 900.00																																																																																																																																																		
<table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table>					Amount to be refunded:		charged:																																																																																																																																											
Amount to be refunded:																																																																																																																																																		
charged:																																																																																																																																																		
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 900.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																																																																																																																																		
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																																																																																																																																																		
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Foley &amp; Lardner LLP Customer Number: 22428</p>																																																																																																																																																		
<p> SIGNATURE Richard L. Schwaab</p>																																																																																																																																																		
<p>NAME 25,479</p>																																																																																																																																																		
<p>REGISTRATION NUMBER</p>																																																																																																																																																		